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Attention: [] See WELA-8795, attached.

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CENTRAL INTELLIGENCE AGENCY
SOURCE METHOD EXEMPTION 3B2B
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WZK 27033
30 June 52
L of 2

S/2256

SWITZERLAND / TANGIER / ELECTRONICS / OPTICS / MILITARY

Light trigger for torpedoes and electric fuses.

- Report attached -

OFFICE NOTES:

1. Our Representative was present at the interview when this intelligence was obtained.

2. See also S/2257 of ³⁰24.6.52.

WZK 27034

24.6.52.

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Light Trigger for Torpedoes and Electric Fuses.

- X NR.
1. A new Company by the name of ~~BRINRO~~ LTD. has been registered in TANGLER for the exploitation of various scientific inventions, largely of a warlike application.
 2. This Company was formed approximately 6 weeks ago. The names of three Directors are known to be C. J. ~~KRAEMER~~, Ernest Hans ~~DOERPINGHAUS~~ and J. ~~MENKE~~. Messrs. DOERPINGHAUS and MENKE are two German Scientists with a Laboratory in ZURICH in which they have been carrying out research and development on such apparatus as proximity fuses, homing devices, and fuses of various types.
 3. Mr. C. J. KRAEMER is a high executive of the HISPANO SUIZA Co. in GENEVA. Messrs. DOERPINGHAUS and MENKE are under contract with HISPANO SUIZA only for special aspects of their work. The Company of ~~BRINRO~~ LTD. has been formed to evade the Swiss Government regulations controlling the availability of patents to the outside world.
 4. Messrs. DOERPINGHAUS and MENKE have stated that the immediate object of ~~BRINRO~~ is to find a suitable market for an electric fuse which they are developing, as well as a device which they term a "light trigger for torpedoes". The former, they say, is an electric fuse which does not employ valves of any sort and has a total weight of only 125 gms. At the moment it is designed for use either as a delayed action fuse or a self-destruction fuse for secret apparatus. The light trigger, in the process of final development, is claimed to be able to keep a torpedo at a constant level from the surface and to "home" on a vessel with certainty from a maximum distance of 10 Kms. It is further claimed that there is no known counter measure which can be taken by a ship to throw the torpedo off its course. Mr. DOERPINGHAUS was working on this device for the Germans during the last war.

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